

less than the radius of curvature of the inner surface of the perforated cylindrical drum.

9. (As filed) The apparatus of claim 8 characterized in that the circumferentially moveable cylindrically curved element has an arc width in the range of about 60 degrees to about 120 degrees with respect to the axis of rotation of the cylindrically curved element.

10. (As filed) The apparatus of claim 9 characterized in that the circumferentially moveable cylindrically curved element has an arc width in the range of about 90 degrees with respect to the axis of rotation of the cylindrically curved element.

11. (As filed) The apparatus of Claim 9 characterized in that each of the axially moveable circular barriers disposed inside each opposing end of the perforated cylindrical drum has a perimeter seal made of felt or other suitable material to block the movement of air around the perimeter of each of the two moveable circular barriers.

12. (As filed) The apparatus of Claim 9 characterized in that:
each of the axially moveable circular barriers disposed inside each opposing end of the perforated hollow cylindrical drum are able to be moved towards or away from each other to vary the width of a central perforated surface area through which air can be drawn to provide an outer suction adhering surface on the perforated hollow cylindrical drum.

REMARKS

Claims 1-7 have been cancelled.

Claim 8 has been amended.

Claims 9-12 depend upon claim 8.

Favorable examination and consideration are respectfully requested.

Respectfully submitted,

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